Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L20	4	("6270180").URPN.	USPAT	OR	ON	2005/10/22 10:02
L21	5	("5172134" | "5760797" | "5992963" | "6079805" | "6116713").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/22 10:14
L22	1	ep-390202-$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/22 10:24
L23	1	1990-299163.NRAN.	DERWENT	OR	ON	2005/10/22 10:21
L24	2	ep-627313-$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/22 10:25
L25	1	jp-59133062-$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/22 10:26
L26	2	jp-08295015-$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/22 10:29
L27	1	1997-037453.NRAN.	DERWENT	OR	ON	2005/10/22 10:28
L28	2	wo-9735167-$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/22 10:30
L29	4129	(heat$3 with generat$4) same (pzt piezoelectric (lead with zirconate with titinate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/22 10:34
L30	2379	(heat$3 with generat$4) with (pzt piezoelectric (lead with zirconate with titinate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/22 10:33

L31	3132	347/60,68-72.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/22 10:33
L32	132	30 and 31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/22 10:32
L33	147	347/60.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/22 10:33
L34	1	30 and 33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/22 10:33
L35	5230	((heat$3 energy) with generat$4) with (pzt piezoelectric (lead with zirconate with titinate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/22 10:34
L36	2	33 and 35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/22 10:34
L37	8408	((heat$3 energy) with generat$4) same (pzt piezoelectric (lead with zirconate with titinate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/22 10:38
L38	284	31 and 37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/22 10:34

L39	85	38 and (temperature with ink)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/22 10:35
L40	2	"4463359".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/22 10:36
L41	197961	pzt piezoelectric (lead with zirconate with titinate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/22 10:39
L42	27	33 and 41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/22 10:39
S1	2	jp-11138798-$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/22 14:59
S2	1	1999-168901.NRAN.	DERWENT	OR	OFF	2005/03/22 14:58
S3	1321	347/9-11.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/22 15:00
S4	870	310/317.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/22 15:00
S5	14417	(ultrasonic ultrasound ultra$2sonic ultra$sound (ultra adj (sonic sound))) with temperature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/22 15:03

S6	5	S3 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/22 15:03
S7	60703	"347"/$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/22 15:03
S8	83	S5 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/22 15:03
S9	31718	(ultrasonic ultrasound ultra$2sonic ultra$sound (ultra adj (sonic sound))) same temperature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/22 15:03
S10	6	S3 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/22 15:03
S11	1321	347/9-11.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/23 07:17
S12	870	310/317.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/23 07:10
S13	60703	"347"/$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/23 07:10

S14	25191	(drive with (signal voltage)) same temperature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/23 07:13
S15	130	S11 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/23 07:11
S16	12167	(drive with (signal voltage)) with temperature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/23 07:12
S17	90	S11 and S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/23 07:12
S18	12237	(drive with (signal voltage)) with (temperature (pre$3heat))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/23 07:12
S19	25300	(drive with (signal voltage)) same (temperature (pre$3heat))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/23 07:18
S20	132	S11 and S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/23 07:13
S21	63	S20 and piezoelectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/23 07:14

S22	91	S11 and S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/23 07:14
S23	2082	347/5,6,9-11.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/23 07:18
S24	4377	(drive with (signal voltage)) same (temperature (pre$3heat)) same (ink fluid liquid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/23 07:19
S25	147	S23 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/23 07:18
S26	1641	(drive near6 (signal voltage)) with (temperature (pre$3heat)) with (ink fluid liquid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/23 07:20
S27	97	S23 and S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/23 07:19
S28	92	((drive near6 (signal voltage)) with (temperature (pre$3heat)) with (ink fluid liquid)) same (frequency ultrasonic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/23 07:21
S29	127	((drive with (signal voltage)) with (temperature (pre$3heat)) with (ink fluid liquid)) same (frequency ultrasonic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/23 11:16

S30	19	S13 and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/23 08:41
S31	5	("5172134" | "5760797" | "5992963" | "6079805" | "6116713").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/23 07:34
S32	4	("6270180").URPN.	USPAT	OR	OFF	2005/03/23 07:36
S33	13233	arakawa.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/23 08:42
S34	77541	konica.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/23 11:11
S35	148	S33 and S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/23 08:42
S36	5	S33 and S34 and piezoelectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/23 08:42
S37	1	1999-168901.NRAN.	DERWENT	OR	OFF	2005/03/23 08:44
S38	5	("5172134" | "5760797" | "5992963" | "6079805" | "6116713").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/23 09:04
S39	4	("6270180").URPN.	USPAT	OR	OFF	2005/03/23 09:08
S40	1560	ultrasonic with (advantage benefit)	USPAT	OR	OFF	2005/03/23 09:46
S41	17	S13 and S40	USPAT	OR	OFF	2005/03/23 09:08
S42	12092	ultrasonic with (advantage benefit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/23 09:47

S43	564	S42 and (heat$4 with (liquid$1 or fluid$1 or ink$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/23 09:47
S44	17	S43 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/23 09:47
S45	1	"6503831".pn.	USPAT	OR	OFF	2005/03/23 10:46
S46	0	gb-9803087-$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/23 11:11
S47	8	"9803087"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/23 11:12
S48	15	("4104645" | "4291316" | "4523199" | "5059266" | "5132248" | "5149548" | "5182571" | "5502585" | "5510066" | "5539100" | "5705826" | "6059393" | "6100954" | "6120588" | "6402403").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/23 11:15
S49	1542	347/68-72.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/23 11:15
S50	2835	347/68-72.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/23 11:15
S51	0	S29 and S50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/23 11:16

S52	43939	(drive with (signal voltage)) with (frequency ultrasonic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/23 11:17
S53	80	S50 and S52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/23 11:17
S54	5	("5172134" | "5760797" | "5992963" | "6079805" | "6116713").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/21 14:27
S55	3201	347/5,6,93,95,100.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/21 14:28
S56	2593	347/6,93,95,100.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/21 14:28
S57	731	347/10,11.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/21 15:16
S58	147	347/60.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/21 15:17
S59	22138	(pzt piezoelectric piezo$3electric piezo) same (heat$3 warm$3 (pre near3 (heat$3 warm$)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/21 15:37
S60	118	S57 and S59	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/21 15:20

S61	1	S60 and S58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/21 15:19
S62	2571	((driv$3 actuat$3) with (signal input wave)) same ((heat$3 warm$3) and (eject$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/21 15:26
S63	6581	((ink liquid fluid) near4 heat$3) same (driv$3 with (signal frequency control))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/21 15:22
S64	75	S57 and S63	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/21 15:22
S65	5	S64 and 347/68-72.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/21 15:24
S66	2	"6270180".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/21 15:24
S67	5	("5172134" | "5760797" | "5992963" | "6079805" | "6116713").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/21 15:24
S68	11315	((driv$3 actuat$3) near3 (signal input wave)) same (pzt piezoelectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/21 15:26
S69	519	((heat$3 warm$3 (pre$2heating pre$2heat pre$2warming pre$2warm)) near3 (signal input wave)) same (pzt piezoelectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/21 15:42

S70	0	S69 and S58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/21 15:28
S71	7	S69 and S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/21 15:28
S72	896	310/317.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/21 15:31
S73	3	S69 and S72	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/21 15:32
S74	233042	(pzt piezoelectric piezo$3electric piezo)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/21 15:33
S75	30	S58 and S74	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/21 15:33
S76	4954167	(heat$3 warm$3 (pre near3 (heat$3 warm$)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/21 15:35
S77	136	S58 and S76	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/21 15:35

S78	29	S74 and S77	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/21 15:35
S79	2985	347/68-72.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/21 15:37
S80	3132	347/60,68-72.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/21 15:37
S81	113	S62 and S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/21 15:38
S82	1837	((heat$3 warm$3 (pre$2heating pre$2heat pre$2warming pre$2warm)) with (signal input wave)) same (pzt piezoelectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/21 15:42
S83	15	S57 and S82	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/21 15:47
S84	2	"6257688".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/21 15:49
S85	0	(("U5-6,257,688") or ("U5-5,861,895") or ("U5-6.714,173") or ("U5-4,633,269") or ("U5-6,695,437") or ("U5-6,575,547") or ("U5-6,530,636") or ("U5-5,805,177")).PN. or (U5-2004/0070651).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 15:49

S86	17	(("6,257,688") or ("5,861,895") or ("6,714,173") or ("4,633,269") or ("6,695,437") or ("6,575,547") or ("6,530,636") or ("5,805,177")).PN. or (2004/0070651).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 15:49